

Docket No. AUS920031029US1

**ABSTRACT OF THE DISCLOSURE**

**METHOD AND APPARATUS FOR MANAGING POWER AND THERMAL  
ALERTS TRANSPARENTLY TO AN OPERATING SYSTEM IN A DATA  
PROCESSING SYSTEM WITH INCREASED GRANULARITY IN REDUCING  
POWER USAGE AND THERMAL GENERATION**

A method, apparatus, and computer instructions for managing a set of devices in the data processing system. An alert is received through an external alert mechanism. The alert is at least one of a power alert and a thermal alert. In response to the alert, operation of a selected device within the set of devices is altered such that at least one of power usage and generation of heat by the selected device is reduced or restored to normal operation. The mapping of the reduced physical resources to logical resources is performed with no operating system intervention.